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Progress Report - Contract NAS5-20945  
 Investigation 2319B  
 California Department of Water Resources  
 October 1975 *eto*

This is the first of a series of quarterly progress reports as  
 specified in Contract NAS5-20945.

- A. Problems - The most significant problems encountered to  
 date revolve around the changing personnel situation on the  
 State's portion of the contract. As of 8/29/75, I was made  
 Principal Investigator and will also assume the duties of  
 technical coordinator. A result of the personnel problem  
 has been a slight difference in interpretation of the original  
 study goals and methods of achieving these goals. In a  
 letter to Hal Oseroff, NASA/GSFC, dated 9/16/75, and by sub-  
 sequent telephone conversation, I outlined some suggested  
 minor modifications to the contract, mainly with respect to  
 the timing of data acquisitions. These changes have been  
 agreed to in substance by Hal Oseroff who is preparing the  
 necessary amendment to the contract.
- B. Accomplishments - U-2 photographic coverage was obtained over  
 Lake Tahoe on September 9, 1975, and over the San Francisco  
 Bay-Delta on September 30, 1975. The actual photographs have  
 not been received yet, thus it is not possible to judge their  
 quality. There were some problems in visibility in both areas  
 at the time of the flight (broken clouds at Lake Tahoe and  
 haze and broken clouds over the Bay-Delta) but the imagery  
 should be usable. LANDSAT imagery has been arriving almost  
 daily from the EROS data and is being logged in and stored  
 until needed.
- C. Significant Results - There are no significant results to date.
- D. Publications - No publications to date.
- E. Recommendations - All recommendations pertaining to the con-  
 tract were contained in a letter to Hal Oseroff dated  
 September 16, 1975 (copy attached).
- F. Funds Expended - None of the \$10,000 provided by NASA has  
 been expended as yet. The subcontract between the California  
 Department of Water Resources and the Stanford Research  
 Institute was returned for revision by the Department of  
 Finance. The revision is now complete and the contract is  
 being submitted for approval. Until approval is received  
 (probably in four to six weeks) no funds will be spent by the  
 Research Institute. Under the terms of the contract the State  
 is required to contribute \$12,000 to the contract. Our expenses  
 have not been itemized (not all charges are available) for the  
 first quarter but are roughly \$1,000 to \$1,500, which includes  
 contract coordination, report preparation, and the acquisition  
 and analysis of ground truth data.

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2319B

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(E76-10108) [U2 AND ERTS IMAGERY OF LAKE  
 TAHOE AND SAN FRANCISCO BAY DELTA] Progress  
 Report (California State Dept. of Water  
 Resources) 2 p HC \$3.50  
 CSCL 08H

G3/43

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N76-16531

- G. LANDSAT Data - As of August 28, 1975, there was a tentative balance of \$284.00 in account number G2319B.
- H. Aircraft Data - As of August 28, 1975, no funds had been withdrawn from the aircraft account (GW319B); however data for the April 1975 flight have never been ordered.

*RL Brown*

Randall L. Brown  
Senior W.Q. Biologist  
Principal Investigator